

Due by March 31, 2017

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

This form is for reporting on activities undertaken in calendar years 2015 and 2016 for municipalities covered under the MS4 General Permit No. WI-S050181-1.

Instructions: Complete each section of the form. If additional space is needed, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2017, to the appropriate address indicated on the last page of this form.

Part I. Municipal Information


Name of Municipality City of Hudson		Facility ID No. (FIN) 52320	
Mailing Address 505 Third Street	City Hudson	State WI	ZIP Code 54016
County(s) in which Municipality is located St Croix	Municipality Type: (select one) <input type="radio"/> County <input checked="" type="radio"/> City <input type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

Part II. Municipal Contact Information

Name of Municipal Contact Person Tom Zeuli		Title Public Works Director	
Mailing Address (if different from above)	City	State	ZIP Code
Email tomzeuli@ci.hudson.wi.us	Phone Number (include area code) (715) 386-4767	Fax Number (include area code) (715) 386-3385	
Has the contact person changed in the last year? <input type="radio"/> Yes <input checked="" type="radio"/> No			

Part III. Certification

I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI- S050181-1 for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Printed Name Tom Zeuli	Authorized Representative Title Public Works Director	
Signature of Authorized Representative 	Date 2-21-17	
Email tomzeuli@ci.hudson.wi.us	Phone Number (include area code) (715) 386-4767	Fax Number (include area code) (715) 386-3385

Part IV. General Information

a. Describe the municipality's efforts to invite the municipal governing body, interest groups, and general public to review and comment on the annual report.

The 2016 Annual Report is posted on the City's website for review and comment here: <http://www.ci.hudson.wi.us/index.aspx?nid=207>

b. Describe how the municipality has kept elected and municipal officials and appropriate staff (such as operators, department heads, and those that interact with the public) informed of the municipal storm water discharge permit and its requirements.

The City Council has been apprised of the MS4 requirements through the preparation, review and budgeting process.

Also, City staff has held numerous meetings with consultants. The initial 2016 budget for MS4 Permitting and Compliance was discussed prior to approval with the Public Works Committee (which includes three Council members and City staff) and full City Council.

Updates were provided to the Public Works Committee and City Council as part of the initial discussions in preparing the 2017 budget for MS4 Permitting and Compliance.

City staff has attended monthly Rain to Rivers meetings and training for winter maintenance.

c. Has the municipality prepared its own municipal-wide storm water management plan since the Start Date of the permit?

☐ Yes ☒ No

Part IV. General Information (continued)

If yes, provide the title and date of storm water management plan:

If yes, has the information been submitted to the Department?

☐ Yes ☒ No

- d. Has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions as provided under section 2.10 of the general permit?

☒ Yes ☐ No

If yes, describe these cooperative efforts:

The City of Hudson joined the Rain to Rivers of Western Wisconsin for public education and outreach activities. (See Attachment 7-Rain to Rivers Agreement)

If yes, has the information been submitted to the Department?

☒ Yes ☐ No

- e. If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program?

☒ Yes ☐ No

If yes, provide web address:

www.ci.hudson.wi.us (<http://www.ci.hudson.wi.us/index.aspx?nid=207>)

Part V. Evaluation of Permit Conditions (Section 2 of General Permit)

Minimum Control Measures: For each of the permit conditions listed below, provide an evaluation of program compliance with the general permit.

1. Public Education and Outreach (Section 2.1 of General Permit)

Has the program been developed?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Has the program been submitted to the Department?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Have any parts of this program been implemented yet?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Are there any measurable results to report? Describe.	See Attachment 4 - 2016 Rain to Rivers Educational Events and Activities.

2. Public Involvement and Participation (Section 2.2 of General Permit)

Has the program been developed?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Has the program been submitted to the Department?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Have any parts of this program been implemented yet?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are there any measurable results to report? Describe.	The City purchased a "plinko" board entitled "Can You Stop Stormwater Pollution" (see Attachment 3 - Plinko Board) The board can be used by young and old to bring attention to common city pollutants. The board has been displayed at the following: A) Spirit of St. Croix Days B) Helping Hands (HIBA) C) City Hall Lobby. Also, River Fest is an annual festival held in Hudson that provides educational opportunities for protection of the river and includes a river clean up.

3. Illicit Discharge Detection and Elimination (Section 2.3 of General Permit)

Discuss any progress towards meeting the permit compliance schedule.	The City has executed contracts with both Engineering and Legal consultants to assist in MS4 ordinance preparation. It is anticipated that the ordinances will be in place later in 2017. See Attachment 2 - Hudson MS4 Preliminary Schedule
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Part V. Evaluation of Permit Conditions (continued)

4. Construction Site Pollutant Control (Section 2.4 of General Permit)

Has the program been developed?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Has the program been submitted to the Department?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Have any parts of this program been implemented yet?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are there any measurable results to report? Describe.	The City has an Erosion and sediment control section (106-20) of the City's Commercial Building Code. Also, see Attachment 1 - Part V Evaluation of Permit Conditions

5. Post-Construction Storm Water Management (Section 2.5 of General Permit)

Has the program been developed?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Has the program been submitted to the Department?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Have any parts of this program been implemented yet?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Are there any measurable results to report? Describe.	The City has a draft of a Stormwater Developer's Submittal Checklist Guidance that has been distributed to developer's in the past year while the ordinances are being developed. See Attachment 8 - Draft SW Submittal Guidance and also Attachment 1 - Part V Evaluation of Permit Conditions

6. Pollution Prevention (Section 2.6 of General Permit)

Discuss any progress towards meeting the permit compliance schedule.	See Attachment 1 - Part V Evaluation of Permit Conditions
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Note: The remaining questions for this section are optional for this Annual Report, but may be required in future Annual Reporting. (See permit for requirements.)

• Storm Water Management Facilities (Optional) (Section 2.6.1 of General Permit)

Provide an inventory of municipally owned or operated structural storm water management facilities by including: each facility type (ponds, biofilters, etc.), location (street address or latitude/longitude) and contact information (name, phone number and email for the individual(s) with overall responsibility).

The inventory is anticipated to be completed in the Fall of 2017.

• Routine Inspection and Maintenance (Section 2.6.2 – 2.6.4 of General Permit)

Does the municipality have an inspection and maintenance program for installed structural storm water management facilities?

☐ Yes ☒ No

If yes, describe the inspection and maintenance program and any activities that have occurred for structural storm water management facilities in 2015 and 2016. If available, attach any additional information on the inspection and maintenance program.

• Winter Road Management Activities (Optional) (Section 2.6.5 of General Permit)

Provide the name, title, and phone number of the individual(s) with overall responsibility for winter roadway maintenance.
Tom Zeuli, Public Works Director, 715-386-4767

Describe the types of products used for winter road management (e.g. deicing, pre-wetting, salting, etc.).
Salt, salt brine, organic beat juice, liquid calcium chloride

Describe the type of equipment used to apply the products.

All new City trucks can document salt and brine usage with high end salt controllers. All older City truck spreaders without the salt controllers are calibrated every fall.

Part V. Permit Conditions (continued)

Report the amount of product used by month over the last two winter seasons (approx. November 2014 through April 2015 and November 2015 through April 2016).

November 2014 - April 2015 = 1,327 tons of salt (220 tons/month)

November 2015 - April 2016 = 1,130 tons of salt (190 tons/month)

Report the snow disposal locations, if snow is hauled away.

The old dog track is the main location for hauling snow. The other locations include; Grandview Park, Prospect Park, and the Landfill on Krattley Lane.

Describe any anti-icing, equipment calibration, and salt reduction strategies considered.

All new equipment has salt controllers and all old equipment is calibrated yearly.

Describe any other additional measurable data or information that the permittee used to evaluate its winter road management activities.

None.

• Municipal Pollution Prevention (Optional) (Section 2.6.7 of General Permit)

Provide the location (street address) of each facility (municipal yards and/or maintenance facilities) and contact information (name, title, and phone number) for the individual(s) with overall responsibility for each facility.

It is anticipated that the municipal pollution prevention plan will be completed in the fall of 2017.

Map(s) included? ☐ Yes ☒ No - Include a map of each facility, drawn to scale and include the following features:

- Location of major activities and storage areas
- Identification of drainage patterns, potential sources of storm contamination and discharge points.
- Identification of nearby receiving waters or wetlands
- Identification of connections to the permittees's MS4

Describe the housekeeping activities and best management practices installed at municipal yards and/or maintenance facilities to reduce or eliminate storm water contamination.

Discuss recommendations for improvements to current storm water management practices at the facility(s) and provide a timeline for installation and/or implementation of these recommendations.

Describe the municipal facility(s) employee training on storm water pollution prevention (frequency, duration, objectives, percentage of employees trained this year, etc.).

City staff is at regular attendance at the Rain to Rivers meetings. City staff attended the Winter Road Maintenance Seminar organized by Rain to Rivers.

Describe the spill prevention and response procedures in place at the municipal facility(s).

7. Storm Water Quality Management (Optional) (Section 2.7 of General Permit)

Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? ☐ Yes ☒ No

If yes, provide the following: Model used _____ Version _____ Reduction (%) _____

Part V. Permit Conditions (continued)

If no, include a description of any actions the municipality has undertaken in 2015 and 2016 to help achieve the 20% standard. The City is in the process of completing the modeling with an anticipated completion date of September 2017. The map inventory was needed prior to the completion of the modeling and the mapping was unable to begin until the UNPS grant was authorized.

Has the municipality completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal? ☐ Yes ☒ No

If yes, describe:

8. Storm Sewer System Map (Optional) (Section 2.8 of General Permit)

Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year.

The stormwater collection system mapping was GPSed and the location of the storm sewer geodata set is being processed. The remainder of the items required on the map will be added as part of the pollutant modeling and stormwater report.

Part VI. Fiscal Analysis

- a. Provide a fiscal analysis that includes the annual expenditures for 2016, and the budget for 2016 and 2017. A table to document fiscal information is provided on page 8.

The MS4 Permitting and Compliance Fund (Attachment 5) which includes the expenditures in 2016 and the budget for 2017. The total spent in 2016 for MS4 related activities was \$91,962 and the budget for 2017 is \$146,800. The Storm Sewer Utility Fund (Attachment 6) also includes expenditures and budgets of stormwater related expenses.

- b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?

☒ Storm water utility ☒ General fund ☐ Other _____

- c. Is adequate revenue being generated to implement the municipality's storm water management program and meet permit requirements? ☐ Yes ☒ No

Please provide a brief summary of the municipality's financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer the municipality's storm water management program.

Funds are being generated through the stormwater utility and will also be pulled from the general fund to finance the requirements of the permit.

Part VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has been submitted to the Department previously and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.

- a. Has the municipality developed, updated or revised its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit during the reporting years? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

- b. Has the municipality developed, updated or revised its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit during the reporting years? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

- c. Has the municipality developed, updated or revised its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit during the reporting years? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

- d. Has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.)? ☐ Yes ☒ No

If yes, attach copy or provide web link to ordinance:

- e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

The building inspector inspects the erosion control measures when onsite to complete other necessary building inspections. 330 building permits were issued in 2016.

Part VIII. Water Quality Concerns

- a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/surfacewater/orwerw.html>) ☒ Yes ☐ No

If yes, list:

Lake St. Croix - ERW
Saint Croix River - ERW

- b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>) ☒ Yes ☐ No

If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:
Lake Saint Croix (Total Phosphorus), Mallalieu Lake (Total Phosphorus)
- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant(s) of concern to an impaired waterbody:

- c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.

- d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.

- e. (Optional) Does any part of the MS4 discharge to an approved Total Maximum Daily Load (TMDL) area in accordance with section 1.5.4 of the MS4 general permit? ☒ Yes ☐ No

If yes, reporting for TMDLs approved prior to the effective date of the permit for 2016:

Name of TMDL: Lake St. Croix Nutrient TMDL Date TMDL approved? 08/08/2012

Map(s) included? ☐ Yes ☒ No - Submit a storm sewer system map (may be the same map submitted under section V.f. of this form), which includes the TMDL reachshed boundaries and associated acreage within the municipality, and the MS4 drainage boundaries and associated acreage within the municipality.

Part IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2017 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

The City is working with consultants to complete the stormwater modeling and report along with ordinance development. The City also anticipates completion of the pollution prevention plan in the fall of 2017.

Part X. Other

Any other additional information the permittee would like to provide in the Annual Report regarding their storm water program?

Fiscal Analysis Table. Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure 2016	Budget		Source
		2016	2017	
Public Education and Outreach	\$5,696	\$20,500	\$11,000	Stormwater Utility
Public Involvement and Participation				
Illicit Discharge Detection and Elimination				
Construction Site Pollutant Control				
Post-Construction Storm Water Management	\$495	\$29,700	\$15,500	Stormwater Utility
Pollution Prevention		\$6,000	\$6,000	Stormwater Utility
Storm Water Quality Management (including pollutant-loading analysis)		\$60,700	\$60,700	Stormwater Utility
Storm Sewer System Map	\$79,871	\$1,80,000	\$40,100	Stormwater Utility
Other: Administration	\$5,900	\$11,000	\$11,000	Stormwater Utility

NORTHERN REGION COUNTIES

Ashland	Langlade	DNR Service Center
Barron	Lincoln	Attn: Storm Water Program
Bayfield	Oneida	5301 Rib Mountain Rd.
Burnett	Polk	Wausau, WI 54401
Douglas	Price	Phone: (715) 359-4522
Florence	Rusk	
Forest	Sawyer	
Iron	Taylor	
	Vilas	
	Washburn	

WEST CENTRAL REGION COUNTIES

Adams	Marathon	DNR Service Center
Buffalo	Monroe	Attn: Storm Water Program
Chippewa	Pepin	5301 Rib Mountain Rd.
Clark	Pierce	Wausau, WI 54401
Crawford	Portage	Phone: (715) 359-4522
Dunn	St. Croix	
Eau Claire	Trempealeau	
Jackson	Vernon	
Juneau	Wood	
La Crosse		

NORTHEAST REGION COUNTIES

Brown	Marquette	DNR Northeast Region
Calumet	Menominee	Attn: Storm Water Program
Door	Oconto	2984 Shawano Ave.
Fond du Lac	Outagamie	Green Bay, WI 54313
Green Lake	Shawano	Phone: (920) 662-5100
Kewaunee	Waupaca	
Manitowoc	Waushara	
Marinette	Winnebago	

SOUTH CENTRAL REGION COUNTIES

Columbia	Jefferson	DNR South Central Region
Dane	LaFayette	Attn: Storm Water Program
Dodge	Richland	3911 Fish Hatchery Rd.
Grant	Rock	Fitchburg, WI 53711
Green	Sauk	Phone: (608) 275-3266
Iowa		

SOUTHEAST REGION COUNTIES

Kenosha	Sheboygan	DNR Service Center
Milwaukee	Walworth	Attn: Storm Water Program
Ozaukee	Washington	141 NW Barstow Street,
Racine	Waukesha	Room 180
		Waukesha, WI 53188
		(262) 574-2100

Attachment 1 - Part V Evaluation of Permit Conditions

Minimal Control Measures: For Section 2 of the General Permit

In response to MS4 General Permit Requirements, the City of Hudson had numerous planning meetings with staff and consultants in 2015 to determine what was required and how to approach the tasks, and the budget needed to be compliant. Following these meetings, tasks were identified and the 2016 MS4-Permitting & Compliance Budget was prepared and approved by the City Council. (Attachment 5 – MS4 Permitting and Compliance Fund)

Part V. Evaluation of Permit Conditions

1. Public Education and Outreach

Rain to Rivers

2. Public Involvement and Participation

On-going

3.-5. Ordinances

The City engaged the services of both an engineering consultant and legal consultant to prepare the required MS4 ordinances including illicit discharge, erosion control, and post-construction stormwater management. A preliminary schedule is included as Attachment 2 – Hudson MS4 Preliminary Schedule showing completion in April of 2017.

6. Pollution Prevention

The City will use the updated Stormwater Inventory and Mapping and the Stormwater Quality Management noted below to complete the pollution prevention included in the permit. It is anticipated the plan will be completed in the fall of 2017

Additional Information

A. Stormwater Inventory & Mapping

The City engaged the services of an engineering consultant to do the required field inventory including, pipe network, sizes and GPS locations resulting in the creation of a GIS dataset. This mapping dataset will then be used by the City for all future planning. The field inventory was completed in the fall of 2016. It is anticipated that the updated base mapping and dataset will be completed by March 2017.

B. Stormwater Quality Management

The City engaged the services of an engineering consultant to perform pollutant modeling for both total suspended solids (TSS) and total phosphorus (TP). Upon completion of the modeling, a report detailing the findings and recommendations will be provided. This report will also be submitted to WI DNR for review and comment.

It is anticipated that the modeling and report will be completed by September, 2017. See Attachment 2 – Hudson MS4 Preliminary Schedule.

Attachment 2 - Hudson MS4 Preliminary Schedule

City of Hudson MS4 Tasks Preliminary Schedule

12/14/2016

	January			February			March			April			May			June			July			August		
	2	9	16	23	30	6	13	20	27	6	13	20	27	3	10	17	24	31	7	14	21	28		
Ordinance Development																								
Kick off meeting with City and attorney																								
Draft 1 of Ordinances																								
Draft 1 of Ordinances to City and attorney																								
Comments returned on Draft 1																								
Update Ordinances (Draft 2)																								
Meeting with City staff to review																								
Council Meeting Presentation																								
Update Ordinances (Draft 3)																								
Public Hearing and Council Meeting Present																								
Finalize Ordinances																								
Annual Report																								
Meeting with City to review report																								
Complete report																								
Submit Report to WDNR																								
Modeling and Report																								
Basic Mapping (Contours/aerial/soils)																								
Watershed Delineations																								
Meeting with City to Review																								
Coordination with WisDOT and WDNR																								
Preliminary Modeling																								
Preliminary Report																								
Review with City Staff																								
Finalize Modeling																								
Finalize Report																								
Submit to WDNR																								
WDNR Review																								
Updates based on WDNR review																								
Present to City Staff and/or Council																								

Note: The schedule does not include all of the tasks the City is obligated to complete as a permitted MS4 community.



Attachment 3 – Plinko Board



Attachment 4 - Rain to Rivers Educational Events and Activities

Rain to Rivers Educational Events and Activities					Who Was Involved	Description/Notes
Event	Contact	Date	Time	Location		
Dunn County Board Meeting	Dan Zerr	1/20/2016		Menomonie	Dan Zerr	Presented to the Dunn County Board on the topic of the Red Cedar River Water Quality Partnership, and the Implementation Plan developed by the Partnership.
Eau Claire River Watershed Coalition meeting	Dan Zerr	1/26/2016		Augusta	Dan Zerr	Coalition meeting to discuss watershed planning for the Eau Claire River and its impounded lakes.
Red Cedar River Watershed Partnership meeting	Dan Zerr	2/3/2016		Online	Dan Zerr, Randy Eide	Semi-monthly meeting of the Partnership to discuss TMDL implementation progress.
Dunn County Land and Water Plan revision meeting	Dan Zerr	2/16/2016		Menomonie	Dan Zerr, Randy Eide	Meeting of advisory team to discuss Dunn County's revision of their land and water management plan.
Half Moon Lake meeting	Dan Zerr	3/1/2016		Eau Claire	Dan Zerr	Meeting to discuss latest developments in managing phosphorus issues in Half Moon Lake in the City of Eau Claire.
Red Cedar River Conference	Landon Profaizer	3/10/2016		Menomonie	Landon Profaizer, Randy Eide, Dan Zerr	Annual Red Cedar River Conference, with talks about all things pertaining to the phosphorus issues and TMDL for Lakes Tainter and Menomin. Booth set up for RtoR.
St. Croix River Conference	Landon Profaizer	3/22-3/23/16		River Falls	Landon Profaizer, Dan Zerr, Crystal Raleigh	Annual St. Croix River Conference, with talks about all things pertaining to the river, including the phosphorus TMDL. Booth set up for RtoR.
Wisconsin Lakes Partnership Conference	Dan Zerr	3/30-4/1/16		Stevens Point	Dan Zerr	Annual statewide Lakes Conference. Presentation given on the topic of the Red Cedar River TMDL implementation plan.
Red Cedar River Watershed Partnership meeting	Dan Zerr	4/6/2016		Barron	Dan Zerr	Semi-monthly meeting of the Partnership to discuss TMDL implementation progress.
Yahara Lakes Summit	Dan Zerr	4/9/2016		Waunakee	Dan Zerr	Presented to the Yahara Lakes Summit on the Red Cedar River TMDL implementation plan.
St. Croix County Earth Day	Crystal Raleigh	4/17/2016		YMCA Camp St. Croix	Crystal Raleigh	Attended Earth Day celebration and brought Plinko board for storm water education.
Adult Education at English Lutheran Church	Dan Zerr	4/20/2016		Chippewa Falls	Dan Zerr	Presented to a group of adult learners at this church on the topic of watersheds and non-point source pollution.
ECO Day – Rocky Branch School	Crystal Raleigh	4/22/2016		River Falls	Crystal Raleigh	Gave introductory storm water presentation to 3rd graders at Rocky Branch Elementary then led groups to three storm water ponds to pick up trash.
Kinnickinnic River Watershed Meetings	Crystal Raleigh	Spring 2016		River Falls	Crystal Raleigh	Meeting series with DNR, Pierce & St. Croix County Land Conservation, UW-River Falls, Kinnickinnic River Land Trust, Trout Unlimited, US Fish & Wildlife, and others to discuss watershed planning for the Kinnickinnic River.

Montessori School Lessons	Crystal Raleigh	4/6/16 and 5/12/16	River Falls	Crystal Raleigh	Introductory storm water presentation to 1st-3rd graders at Heartland Montessori School, followed up with maintenance (weed pulling, planting) in a nearby rain garden.
American Public Works Week, River Falls Elementary Schools	Crystal Raleigh	5/9-5/12/16	River Falls	Crystal Raleigh	Visited all 3rd graders in RFSD. Discussed many aspects of public works however Crystal focused on the storm sewer system and winter salt use. Presentations included "touch a truck" with public works equipment. Crystal showed students the spinner and pre-wet on the back of the plow truck.
Municipal Storm Water Groups statewide meeting	John Genskow, Landon Profaizer	6/8/2016	Portage	John Genskow	Meeting of various regional storm water consortium groups statewide, for the purpose of sharing and collaborating on storm water education issues.
Breakfast in the Valley	Kelly Jacobs	6/10/2016	Eau Claire	Kelly Jacobs	Annual Eau Claire Chamber of Commerce event, featuring educational materials and information on storm water and runoff control from Eau Claire County Land Conservation.
Eau Claire River Watershed Coalition meeting	Dan Zerr	6/21/2016	Augusta	Kelly Jacobs, John Genskow, Dan Zerr	Coalition meeting to discuss watershed planning for the Eau Claire River and its impounded lakes.
Plinko at the Phipps Center	Crystal Raleigh	6/21-7/19/16	Hudson	Crystal Raleigh	The Plinko board was set up in the gallery at The Phipps in Hudson.
Northern Wisconsin State Fair	Rob Krejci	7/13-7/17/16	Chippewa Falls	Rob Krejci	Booth set up during the fair with information about storm water, rain barrels, projects in Chippewa Falls, etc.
City of Eau Claire Storm Water Ordinance Workshop	John Genskow	7/14/2016	Eau Claire	John Genskow	Presentation and discussion on revisions to City of Eau Claire Storm Water Ordinance
RFMU Customer Appreciation Lunch	Crystal Raleigh	7/21/2016	River Falls	Crystal Raleigh	Crystal manned the Plinko board which was on display at a free lunch for River Falls Municipal Utility customers at City Hall. Also promoted the Adopt A Pond program in River Falls.
Red Cedar River Watershed Partnership meeting	Dan Zerr	8/3/2016	Menomonie	Dan Zerr	Semi-monthly meeting of the Partnership to discuss TMDL implementation progress.
Eau Claire Land Conservaton Committee Annual Tour	Kelly Jacobs	8/15/2016	Eau Claire County	Kelly Jacobs	Highlighted best management practices and needed repair work. Talked about curve numbers, design storms, etc. and how it relates to flows/contributions in a watershed and for a project. Audience of LCC members and Eau Claire County staff.
Little Explorers Camp	Crystal Raleigh	8/16/2016	River Falls	Crystal Raleigh	Storm water lesson and storm drain stenciling with 20 4-6 year olds. Stenciled 6 storm drains in the City.
Leadership River Falls Youth	Crystal Raleigh	9/9/2016	River Falls	Crystal Raleigh	Storm water lesson and storm drain stenciling with 16 8th graders. Stenciled 12 storm drains in the City.

Celebrate the Chippewa River	Landon Profaizer		9/10/2016	Chippewa Falls	Landon Profaizer, Dan Zerr	Booth set up during the event with information about Rain to Rivers, storm water, rain gardens, etc.
Town of St. Joseph Fall Festival	Crystal Raleigh		9/17/2016	Town of St. Joseph	Tom Spaniol, Crystal Raleigh	Plinko and storm water display booth set up for the Town of St. Joseph Fall Festival.
Chippewa Valley Sustainable Future Festival	Landon Profaizer		9/17/2016	Eau Claire	Landon Profaizer, Dan Zerr	Booth set up during the event with information about Rain to Rivers, storm water, rain gardens, etc. Plinko board also set up and used by many attendees.
City of Eau Claire Advisory Commission on Sustainability	John Genskow		9/20/2016	Eau Claire	John Genskow	Presentation and discussion on City of Eau Claire Storm Water Requirements and BMP's
Leadership Eau Claire Tour	Kelly Jacobs		9/22/2016	Eau Claire County	Kelly Jacobs	Highlighted agriculture and environment topics throughout Eau Claire County. Discussed finding a balance to counteract human impacts on our natural systems.
Red Cedar River Watershed Partnership meeting	Dan Zerr		10/5/2016	Barron	Dan Zerr, Randy Eide	Semi-monthly meeting of the Partnership to discuss TMDL implementation progress.
Half Moon Lake meeting	Dan Zerr		10/12/2016	Eau Claire	Dan Zerr, John Genskow	Meeting to discuss progress and status regarding Half Moon Lake, including work on phosphorus/algae bloom issues.
Eau Claire River Plan Implementation Team meeting	Dan Zerr		10/20/2016	Augusta	Dan Zerr, Kelly Jacobs	First meeting of the Implementation Team for the Eau Claire River Water Quality Plan.
Field Day at Lowes Creek County Park	Dan Zerr		10/23/2016	Eau Claire	Dan Zerr	Educational field day for Eau Claire Montessori School students, staff and family at Lowes Creek County Park. Participants did nature walks, heard small lectures/demonstrations, including a talk about Lowes Creek and the dangers presented by urban runoff.
Winter Road Maintenance Training	Landon Profaizer		10/28/2016	Menomonie	Randy Eide, Crystal Raleigh	Training for storm water staff on winter road maintenance, salt application, etc., presented by Fortin Consulting from MN.
Red Cedar River Watershed Partnership meeting	Dan Zerr		12/7/2016	Menomonie	Dan Zerr	Semi-monthly meeting of the Partnership to discuss TMDL implementation progress.
Eau Claire River Plan Implementation Team meeting	Dan Zerr		12/8/2016	Eau Claire	Dan Zerr, Kelly Jacobs, John Genskow	Monthly meeting of Eau Claire River Water Quality Plan Implementation Team.

CITY OF HUDSON - BUDGET SUMMARY

MS4 - PERMITTING & COMPLIANCE FUND

ACCOUNT	DESCRIPTION	ADOPTED BUDGET 2016	2016 to 12-31-16	Requested BUDGET 2017
REVENUES				
220.48.43650.000	GRANTS	\$ 73,500	\$ 20,996	\$ 38,500
220.48.48100.000	INVESTMENT INCOME	\$ -	\$ 600	\$ -
220.48.49220.000	TRANSFER FROM STORM SEWER FUND	\$ 309,000	\$ 309,000	\$ -
	TOTAL REVENUES:	\$ 382,500	\$ 330,596	\$ 38,500

EXPENDITURES BY ACTIVITY				
ADMINISTRATION		\$ 11,000	\$ 5,900	\$ 11,000
PUBLIC EDUCATION, INVOLVEMENT & OUTREACH & PARTICIPATION		\$ 20,500	\$ 5,696	\$ 13,500
STORMWATER INVENTORY & MAPPING		\$ 180,000	\$ 79,871	\$ 40,100
STORMWATER QUALITY MGMT POLLUTANT LOADING MODELING		\$ 60,700	\$ -	\$ 60,700
STORMWATER ORDINANCES		\$ 29,700	\$ 495	\$ 15,500
STORMWATER MANAGEMENT PLAN		\$ 6,000	\$ -	\$ 6,000
	TOTAL EXPENDITURES:	\$ 307,900	\$ 91,962	\$ 146,800

NET REVENUES (EXPENSES)	\$ 74,600	\$ 238,634	\$ (108,300)
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EXPENDITURES BY OBJECT				
PERSONAL SERVICE	\$	38,400	\$	24,031
CONTRACTUAL SERVICES	\$	261,000	\$	62,663
MATERIALS AND SUPPLIES	\$	8,500	\$	5,268
TOTAL EXPENDITURES:		\$	307,900	\$
				\$ 91,962
				\$ 26,800
				\$ 112,000
				\$ 8,000
				\$ 146,800

CASH BALANCE-END OF PERIOD			
		\$ 238,634	\$ 130,334

CITY OF HUDSON - BUDGET SUMMARY

MS4 - PERMITTING & COMPLIANCE FUND

ACCOUNT	DESCRIPTION	ADOPTED BUDGET 2016	2016 to 12-31-16	Requested BUDGET 2017
ADMINISTRATION				
PERSONNEL				
220.48.53445.129	SALARY-WAGES P-T -ENGINEER	\$ 2,620	\$ 3,050	\$ 4,350
220.48.53445.151	FICA	\$ 200	\$ 233	\$ 345
220.48.53445.152	RETIREMENT	\$ 180	\$ 201	\$ 305
220.48.53445.153	HEALTH INSURANCE			\$ -
	PERSONNEL	\$ 3,000	\$ 3,484	\$ 5,000
CONTRACTUAL SERVICE				
220.48.53445.215	ENGINEERING SERVICES	\$ 5,000	\$ 416	\$ 3,000
	CONTRACTUAL SERVICE	\$ 5,000	\$ 416	\$ 3,000
SUPPLIES & EXPENSE				
220.48.53445.324	MEMBERSHIPS & SUBSCRIPTION - DNR	\$ 2,000	\$ 2,000	\$ 2,000
220.48.53445.357	OTHER OPERATING SUPPLIES	\$ 1,000	\$ -	\$ 1,000
	SUPPLIES & EXPENSE	\$ 3,000	\$ 2,000	\$ 3,000
	ADMINISTRATION SUBTOTAL	\$ 11,000	\$ 5,900	\$ 11,000
PUBLIC EDUCATION, INVOLVEMENT & OUTREACH & PARTICIPATION				
PERSONNEL				
220.48.53446.121	SALARY-WAGES FULL-TIME	\$ 3,510	\$ 1,265	\$ 1,930
220.48.53446.121	SALARY-WAGES IT IN HOUSE	\$ 1,750	\$ 311	\$ 1,250
220.48.53446.129	SALARY-WAGES P-T -ENGINEER	\$ 3,500	\$ -	\$ 1,710
220.48.53446.151	FICA	\$ 660	\$ 107	\$ 420
220.48.53446.152	RETIREMENT	\$ 580	\$ 104	\$ 330
220.48.53446.154	HEALTH INSURANCE		\$ 641	\$ 1,360
	PERSONNEL	\$ 10,000	\$ 2,428	\$ 7,000
CONTRACTUAL SERVICE				
220.48.53446.215	ENGINEERING SERVICES	\$ 6,000	\$ -	\$ 2,000
	CONTRACTUAL SERVICE	\$ 6,000	\$ -	\$ 2,000
SUPPLIES & EXPENSE				
220.48.53446.321	PUBLICATION OF LEGAL NOTICE	\$ 1,000	\$ -	\$ 1,000

CITY OF HUDSON - BUDGET SUMMARY

MS4 - PERMITTING & COMPLIANCE FUND

ACCOUNT	DESCRIPTION	ADOPTED BUDGET 2016	2016 to 12-31-16	Requested BUDGET 2017
220.48.53446.324	MEMBERSHIPS & SUBSCRIPTION - FORUM			
	DUES	\$ 2,500	\$ 2,000	\$ 2,500
220.48.53446.339	TRAVEL & CONFERENCES	\$ 1,000	\$ 269	\$ 1,000
220.48.53446.399	SUPPLIES-EDUCATIONAL		\$ 999	
	SUPPLIES & EXPENSE	\$ 4,500	\$ 3,268	\$ 4,500
	PUBLIC ED , OUTREACH & PARTICIPATION			
	SUBTOTAL	\$ 20,500	\$ 5,696	\$ 13,500

STORMWATER INVENTORY & MAPPING

PERSONNEL				
220.48.53447.121	SALARY-WAGES FULL-TIME	\$ 7,890	\$ 10,752	\$ 4,760
220.48.53447.122	SALARY-WAGES FULL-TIME OT		\$ 370	
220.48.53447.121	SALARY-WAGES IT IN HOUSE	\$ 4,380	\$ -	\$ -
220.48.53447.129	SALARY-WAGES P-T -ENGINEER	\$ 5,260	\$ 762	\$ 1,650
220.48.53447.151	FICA	\$ 1,310	\$ 867	\$ 490
220.48.53447.152	RETIREMENT	\$ 1,160	\$ 784	\$ 436
220.48.53447.154	HEALTH INSURANCE		\$ 4,584	\$ 2,763
	PERSONNEL	\$ 20,000	\$ 18,119	\$ 10,100
CONTRACTUAL SERVICE				
220.48.53447.215	ENGINEERING SERVICES	\$ 160,000	\$ 61,752	\$ 30,000
	STORMWATER INVENTORY & MAPPING SUBTOTAL	\$ 180,000	\$ 79,871	\$ 40,100

STORMWATER QUALITY MGMT POLLUTANT LOADING MODELING

PERSONNEL				
220.48.53448.129	SALARY-WAGES P-T -ENGINEER	\$ 610		\$ 610
220.48.53448.151	FICA	\$ 50		\$ 48
220.48.53448.152	RETIREMENT	\$ 40		\$ 42
	PERSONNEL	\$ 700	\$ -	\$ 700
CONTRACTUAL SERVICE				

CITY OF HUDSON - BUDGET SUMMARY

MS4 - PERMITTING & COMPLIANCE FUND					
ACCOUNT		DESCRIPTION	ADOPTED BUDGET 2016	2016 to 12-31-16	Requested BUDGET 2017
220.48.53448.215		ENGINEERING SERVICES	\$ 60,000	\$ -	\$ 60,000
		STORMWATER MGMT POLLUTANT MODELING SUBTOTAL	\$ 60,700	\$ -	\$ 60,700

CITY OF HUDSON - BUDGET SUMMARY

MS4 - PERMITTING & COMPLIANCE FUND

ACCOUNT	DESCRIPTION	ADOPTED BUDGET 2016	2016 to 12-31-16	Requested BUDGET 2017
STORMWATER ORDINANCES				
PERSONNEL				
220.48.53449.129	SALARY-WAGES P-T -ENGINEER	\$ 610	\$ -	\$ 460
220.48.53449.121	SALARY-WAGES - PLANNING	\$ 1,750	\$ -	\$ 1,300
220.48.53449.151	FICA	\$ 180	\$ -	\$ 120
220.48.53449.152	RETIREMENT	\$ 160	\$ -	\$ 120
	PERSONNEL	\$ 2,700	\$ -	\$ 2,000
CONTRACTUAL SERVICE				
220.48.53449.212	LEGAL CONSULTANT	\$ 10,000	\$ -	\$ 5,000
220.48.53449.212	LEGAL CITY ATTORNEY	\$ 4,000	\$ 495	\$ 2,000
220.48.53449.215	ENGINEERING CONSULTANT	\$ 12,000	\$ -	\$ 6,000
	CONTRACTUAL SERVICES	\$ 26,000	\$ 495	\$ 13,000
SUPPLIES & EXPENSE				
220.48.53449.399	ADVERTISING, MISC EXPENSES	\$ 1,000		\$ 500
	SUPPLIES & EXPENSES	\$ 1,000	\$ -	\$ 500
	STORMWATER ORDINANCES SUBTOTAL	\$ 29,700	\$ 495	\$ 15,500

STORMWATER MANAGEMENT PLAN

PERSONNEL				
220.48.53450.129	SALARY-WAGES P-T -ENGINEER	\$ 875	\$ -	\$ 875
220.48.53450.121	SALARY-WAGES - PW DIRECTOR	\$ 875	\$ -	\$ 875
220.48.53450.151	FICA	\$ 130	\$ -	\$ 130
220.48.53450.152	RETIREMENT	\$ 120	\$ -	\$ 120
	PERSONNEL	\$ 2,000	\$ -	\$ 2,000
CONTRACTUAL SERVICE				
220.48.53450.215	ENGINEERING CONSULTANT	\$ 4,000	\$ -	\$ 4,000
	CONTRACTUAL SERVICES	\$ 4,000	\$ -	\$ 4,000
	STORMWATER MANAGEMENT SUBTOTAL	\$ 6,000	\$ -	\$ 6,000

CITY OF HUDSON - BUDGET SUMMARY

STORM SEWER UTILITY

ACCOUNT	DESCRIPTION	BUDGET		
		ACTUAL	APPROVED	Approved
		2015	2016	2017
STORM WATER SUMMARY				
REVENUES				
640.48.46324.000	CHARGES FOR SERVICE	\$ 303,856	\$ 304,000	\$ 307,215
640.48.46412.000	OTHER INCOME	\$ -	\$ -	\$ -
640.48.48100.000	INTEREST INCOME	\$ 3,632	\$ 3,000	\$ 1,971
640.48.48120.000	Change in Market Value	\$ (338)	\$ -	\$ -
640.48.49200.000	TRANSFERS IN	\$ 6,471	\$ -	\$ -
	TOTAL REVENUES	\$ 313,621	\$ 307,000	\$ 309,186
				\$ 307,000

EXPENDITURES BY ACTIVITY				
STREET SWEEPING		\$ 46,092	\$ 60,141	\$ 51,088
COLLECTION SYSTEM MAINTENANCE		\$ 97,394	\$ 196,280	\$ 225,698
STORM LIFT STATIONS		\$ 373	\$ 6,600	\$ 1,916
INSPECTION, TESTING & MONITOR		\$ 2,000	\$ 31,000	\$ 11,148
ADMINISTRATION		\$ 9,751	\$ 26,719	\$ 11,637
TRANSFER TO DEBT SERVICE FUND		\$ 11,860	\$ 11,710	\$ 11,710
TRANSFER TO PROJECT FUNDS		\$ -	\$ 309,000	\$ 309,000
	TOTAL EXPENDITURES	\$ 167,471	\$ 641,450	\$ 622,197
				\$ 361,765
	NET REVENUES (EXPENSES)	\$ 146,150	\$ (334,450)	\$ (313,011)
				\$ (54,765)

EXPENDITURES BY OBJECT				
PERSONAL SERVICE		\$ 74,971	\$ 69,880	\$ 96,314
CONTRACTUAL SERVICES		\$ 40,926	\$ 191,260	\$ 157,484
MATERIALS AND SUPPLIES		\$ 37,139	\$ 55,600	\$ 45,790
FIXED CHARGES		\$ 2,575	\$ 4,000	\$ 1,899
CAPITAL OUTLAY		\$ -	\$ -	\$ -
OTHER EXPENDITURES		\$ 11,860	\$ 320,710	\$ 320,710
	TOTAL EXPENDITURES	\$ 167,471	\$ 641,450	\$ 622,197
				\$ 361,765
	CASH BALANCE - END OF PERIOD			

CITY OF HUDSON - BUDGET SUMMARY

STORM SEWER UTILITY

ACCOUNT	DESCRIPTION	BUDGET			
		ACTUAL	APPROVED	to 12-31-16	Approved 2017
		2015	2016		
		\$ 454,406	\$ 119,956	\$ 141,395	\$ 86,630

CITY OF HUDSON - BUDGET SUMMARY

STORM SEWER UTILITY

ACCOUNT	DESCRIPTION	BUDGET		
		ACTUAL	APPROVED	Approved
		2015	2016	2017
			to 12-31-16	

EXPENDITURES

STREET SWEEPING

PERSONNEL				
640.48.53441.121	SALARY-WAGES FULL-TIME	\$ 3,288	\$ 9,000	\$ 7,006
640.48.53441.122	SALARY-WAGES OVERTIME	\$ 816	\$ -	\$ 1,067
640.48.53441.125	SALARY-WAGES PART-TIME	\$ 16,479	\$ 13,600	\$ 13,536
640.48.53441.151	FICA	\$ 1,557	\$ 1,729	\$ 1,608
640.48.53441.152	RETIREMENT	\$ 1,400	\$ 1,582	\$ 533
640.48.53441.154	HEALTH INSURANCE	\$ 3,051	\$ 4,230	\$ 4,751
	PERSONNEL	\$ 26,592	\$ 30,141	\$ 28,501
CONTRACTUAL SERVICE				
640.48.53441.242	REPAIRS - MACHINERY & EQUIP	\$ 429	\$ 6,000	\$ 1,953
640.48.53441.296	REFUSE SERVICES	\$ -	\$ 5,000	\$ 893
640.48.53441.299	OTHER CONTRACTED SERVICE	\$ 5,093	\$ 1,000	\$ 1,388
	CONTRACTUAL SERVICE	\$ 5,522	\$ 12,000	\$ 4,234
SUPPLIES & EXPENSE				
640.48.53441.351	SUPPLIES-MOTOR FUELS	\$ 7,886	\$ 10,000	\$ 5,914
640.48.53441.353	SUPPLIES-MACH & EQ PARTS	\$ 6,092	\$ 8,000	\$ 12,439
	SUPPLIES & EXPENSE	\$ 13,978	\$ 18,000	\$ 18,353
	STREET SWEEPING SUBTOTAL	\$ 46,092	\$ 60,141	\$ 51,088
				\$ 52,378

CITY OF HUDSON - BUDGET SUMMARY

STORM SEWER UTILITY

ACCOUNT	DESCRIPTION	BUDGET			
		ACTUAL	2015	APPROVED 2016	Approved 2017

COLLECTION SYSTEM MAINTENANCE

PERSONNEL

640.48.53442.121	SALARY-WAGES FULL-TIME	\$	28,389	\$	18,200	\$	39,400	\$	40,406
640.48.53442.122	SALARY-WAGES OVERTIME	\$	97	\$	-	\$	471	\$	-
640.48.53442.125	SALARY-WAGES PART-TIME	\$	14	\$	-	\$	-	\$	-
640.48.53442.126	SALARY-WAGES PART-TIME O.T	\$	-	\$	-	\$	-	\$	-
640.48.53442.129	SALARY-WAGES CITY ENGINEER	\$	423	\$	-	\$	198	\$	-
640.48.53442.151	FICA	\$	2,105	\$	1,392	\$	2,909	\$	2,590
640.48.53442.152	RETIREMENT	\$	1,943	\$	1,274	\$	2,645	\$	2,300
640.48.53442.154	HEALTH INSURANCE	\$	12,088	\$	8,554	\$	15,780	\$	19,979
	PERSONNEL	\$	45,057	\$	29,420	\$	61,403	\$	65,275

CONTRACTUAL SERVICE

640.48.53442.212	LEGAL	\$	-	\$	1,000	\$	180	\$	1,000
640.48.53442.215	ENGINEERING	\$	-	\$	-	\$	-	\$	15,000
640.48.53442.299	OTHER CONTRACTORIAL SERVICE	\$	29,176	\$	133,360	\$	136,678	\$	130,000
	CONTRACTUAL SERVICE	\$	29,176	\$	134,360	\$	136,858	\$	146,000

SUPPLIES & EXPENSE

640.48.53442.321	PUBLICATION	\$	-	\$	500	\$	150	\$	500
640.48.53442.349	OTHER OPERATING SUPPLIES	\$	6,212	\$	7,000	\$	7,199	\$	6,500
640.48.53442.391	SAFETY EQUIPMENT	\$	85	\$	-	\$	136	\$	-
640.48.53442.411	PIPE	\$	10,786	\$	15,000	\$	10,840	\$	10,000
640.48.53442.416	CONCRETE	\$	3,884	\$	6,000	\$	5,695	\$	5,500
640.48.53442.451	CRUSHED ROCK	\$	-	\$	2,000	\$	556	\$	2,000
640.48.53442.452	SAND	\$	-	\$	1,000	\$	-	\$	1,000
640.48.53442.481	BITUMINOUS MIXES	\$	2,194	\$	1,000	\$	2,861	\$	1,000
	SUPPLIES & EXPENSE	\$	23,161	\$	32,500	\$	27,437	\$	26,500

STORM SEWER - 2017

1/10/2017

CITY OF HUDSON - BUDGET SUMMARY

STORM SEWER UTILITY

ACCOUNT	DESCRIPTION	BUDGET			
		ACTUAL	APPROVED	to 12-31-16	Approved 2017
		2015	2016		
CAPITAL IMPROVEMENTS					
640.48.53442.829	OTHER CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -
	CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -
	COLLECTION SYSTEM MAINTENANCE SUBTOTAL	\$ 97,394	\$ 196,280	\$ 225,698	\$ 237,775

STORM LIFT STATIONS

CONTRACTUAL SERVICE					
640.48.53443.222	UTILITIES-ELECTRIC	\$ 373	\$ 300	\$ 416	\$ 300
640.48.53443.242	SVC RPR-OTHR MACH & EQ	\$ -	\$ 1,300	\$ -	\$ 1,300
640.48.53443.299	OTHER CONTRACTUAL SERVICE	\$ -	\$ 5,000	\$ 1,500	\$ 5,000
	CONTRACTUAL SERVICE	\$ 373	\$ 6,600	\$ 1,916	\$ 6,600
	STORM LIFT STATION SUBTOTAL	\$ 373	\$ 6,600	\$ 1,916	\$ 6,600

INSPECTION, TESTING & MONITOR

CONTRACTUAL SERVICE					
640.48.53444.219	INSPECTION CONTRACT	\$ -	\$ 20,000	\$ 10,848	\$ 18,000
640.48.53444.295	DNR FEES-TEST ENVIRONMENT		\$ 1,000	\$ 300	\$ 1,000
640.48.53444.299	CONTRACTED VIDEO INSPECTION	\$ 2,000	\$ 10,000	\$ -	\$ 5,000
	CONTRACTUAL SERVICE	\$ 2,000	\$ 31,000	\$ 11,148	\$ 24,000
	INSPECTION, TESTING, & MONITORING SUBTOTAL	\$ 2,000	\$ 31,000	\$ 11,148	\$ 24,000

CITY OF HUDSON - BUDGET SUMMARY

STORM SEWER UTILITY

ACCOUNT	DESCRIPTION	BUDGET			Approved 2017
		ACTUAL	APPROVED 2016	to 12-31-16	
		2015			
ADMINISTRATION					
PERSONNEL					
640.48.53445.129	SALARY-WAGES P-T -ENGINEER	\$ 3,089	\$ 9,000	\$ 5,602	\$ 9,089
640.48.53445.151	FICA	\$ 233	\$ 689	\$ 434	\$ 695
640.48.53445.152	RETIREMENT		\$ 630	\$ 374	\$ 618
	PERSONNEL	\$ 3,322	\$ 10,319	\$ 6,410	\$ 10,402
CONTRACTUAL SERVICE					
640.48.53445.212	LEGAL SERVICES		\$ 500	\$ -	\$ 500
640.48.53445.213	AUDIT	\$ 700	\$ 800	\$ 700	\$ 800
640.48.53445.214	IT SUPPORT	\$ 966	\$ 1,000	\$ 1,198	\$ 1,000
640.48.53445.215	ENGINEERING SERVICES	\$ 2,189	\$ 5,000	\$ 1,430	\$ 5,000
	CONTRACTUAL SERVICE	\$ 3,855	\$ 7,300	\$ 3,328	\$ 7,300
SUPPLIES & EXPENSE					
640.48.53445.321	PUBLICATION OF LEGAL NOTIC	\$ -	\$ 200	\$ -	\$ 200
640.48.53445.322	PRINTING	\$ -	\$ 200	\$ -	\$ 200
640.48.53445.324	MEMBERSHIPS & SUBSCRIPTION	\$ -	\$ 2,500	\$ -	\$ 2,500
640.48.53445.338	TRAINING	\$ -	\$ 1,000	\$ -	\$ 1,000
640.48.53445.339	TRAVEL & CONFERENCES	\$ -	\$ 1,000	\$ -	\$ 1,000
640.48.53445.348	SUPPLIES-EDUCATIONAL	\$ -	\$ 200	\$ -	\$ 200
	SUPPLIES & EXPENSE	\$ -	\$ 5,100	\$ -	\$ 5,100
FIXED CHARGES					
640.48.53445.510	WORKER'S COMP	\$ 2,575	\$ 4,000	\$ 1,899	\$ 1,650
	FIXED CHARGES	\$ 2,575	\$ 4,000	\$ 1,899	\$ 1,650
OTHER EXPENDITURES					
	TRANSFER TO SPECIAL REVENUE/CAPITAL	\$ -	\$ 309,000	\$ 309,000	\$ -
640.48.53445.930	TRANSFER TO DEBT SERVICE FUND	\$ 11,860	\$ 11,710	\$ 11,710	\$ 16,560
	OTHER EXPENDITURES	\$ 11,860	\$ 320,710	\$ 320,710	\$ 16,560

STORM SEWER - 2017

1/10/2017

CITY OF HUDSON - BUDGET SUMMARY

STORM SEWER UTILITY

ACCOUNT	DESCRIPTION	ACTUAL		BUDGET		
		2015	APPROVED 2016	to 12-31-16	Approved 2017	
	ADMINISTRATION SUBTOTAL	\$ 21,611	\$ 347,429	\$ 332,347	\$	41,012

INTERGOVERNMENTAL AGREEMENT FOR STORM WATER
EDUCATION AND OUTREACH COORDINATION BY RAIN TO
RIVERS OF WESTERN WISCONSIN (R2R)

I. PARTIES

This Intergovernmental Agreement, hereinafter referred to as "Agreement," is made and entered into between Eau Claire County and Chippewa County. All additional signators are by addendum, and hereinafter referred to individually as "Party" and collectively as "Rain to Rivers of Western Wisconsin" (R2R):

II. TERM OF AGREEMENT

This Agreement is entered into pursuant to Wis. Stat. § 66.0301 to specify those certain responsibilities of the Parties hereto in the implementation of an intergovernmental storm water public education and outreach program during the term of this Agreement. This Agreement shall commence January 1, 2016 and continue through December 31, 2018.

In the event that any Party determines that it is in its best interest to terminate participation in this cooperative agreement the Party may do so by the following action:

- A. The Party shall send written correspondence to R2R, by way of Eau Claire County and Chippewa County, indicating its desire to terminate participation in this Agreement. This correspondence shall include an official resolution or documented action indicating that the requested termination has been authorized by a governmental body possessing the legal authority required to terminate this Agreement, and that the signatories to this correspondence are duly authorized to sign correspondence terminating their participation in this Agreement.
- B. In the event that a party withdraws and terminates its participation in this Agreement, the withdrawing Party shall be responsible for its financial contribution under Section V with regard to this Agreement until December 31 of the year the Party withdraws. No partial refund based on the date of the withdrawal by the Party shall be given. When a withdrawing Party is no longer financially responsible under this paragraph, the cost shall be re-apportioned among the remaining R2R members consistent with their respective proportional share as set forth in Section V.

III. PURPOSE OF AGREEMENT

The purpose of this Agreement is to develop a unified storm water education program for R2R meeting the requirements of Wis. Admin. Code § NR 216.07. This Agreement provides the framework for setting annual goals, work plans and budgets; it defines the responsibilities of the participating parties, and identifies opportunities for funding and staffing this effort.

VI. DUTIES

A. Parties involved in agreement shall:

1. Evaluate collaborative efforts and institutional arrangements that may be used to implement a long-term storm water public education and outreach program to meet the interests of the forum members.
2. Sponsor and conduct specific activities as components of a storm water management public education and outreach program, to be implemented during the term of this Agreement.
3. Be responsible for scheduling and conducting educational tours of storm water Best Management Practices (BMP's) in the Chippewa Falls/Eau Claire urban area.
4. Maintain a record of expenses incurred and staff hours expended that will be reimbursable under the project grant or the operating budget.
5. Conduct workshops or training sessions for municipal officials, agency staff, and developers in the Chippewa Falls/Eau Claire urban area.
6. Participate in budgeting and annual work planning.
7. Pursue grant opportunities wherever possible to supplement the programmatic budget and will be responsible for submittal of those grant requests on behalf on the Parties to this Agreement.
8. Contribute toward an annual program budget for R2R, as established under Section V.

B. Eau Claire County agrees to the following:

1. On behalf of Eau Claire County and Chippewa County, to manage awarded grants.
2. To Provide oversight and guidance to contracted individuals or firms.
3. To establish and administer a budget account for R2R that will record all of the revenues generated and all expenses incurred by R2R.

C. Chippewa County agrees to the following:

1. To provide information and input, as requested, to assist Eau Claire County to manage grants.
2. With Eau Claire County, to provide oversight and guidance to contracted individuals or firms.
3. Before June 1 of each year, to prepare a draft annual budget and activities schedule to be reviewed and approved by R2R.

V. BUDGET

The budget will include a funding formula to equally distribute the program costs and the amount of the budgeted costs that will be assigned to each participating Party. The activity schedule will document the commitments made by each Party to implement scheduled activities of mutual benefit to the parties of this agreement. Members of R2R agree to maintain the annual programmatic budget at \$2,000.00 per Party on an annual basis.

VI. LIAISONS

For Eau Claire County: Kelly Jacobs, Land Conservation Manager, Eau Claire County Land Conservation Division, 227 First Street West, Altoona, WI, 54720, (715) 839-6226; or current designee and

For Chippewa County: Dan Masterpole, County Conservationist, Chippewa County Land Conservation & Forest Management, 711 N. Bridge Street, Chippewa Falls, WI 54729, (715) 726-7920 or current designee.

VII. NOTICES

Notices required or deemed advisable under this Agreement shall be placed in writing and delivered personally or by registered or certified mail upon Eau Claire County to: Land Conservation Supervisor, Eau Claire County Land Conservation Division, 227 First Street West, Altoona, WI, 54720, Telephone (715) 839-6226; and upon Chippewa County to: County Conservationist, Chippewa County Land Conservation & Forest Management, 711 N. Bridge Street, Chippewa Falls, WI 54729, Telephone (715) 726-7920.

VIII. INSURANCE

Each party to this Agreement shall maintain its own liability insurance sufficient to insure against the risks arising from each party's responsibilities under this Agreement.

IX. MUTUAL INDEMNIFICATION

The parties agree fully to indemnify and hold one another harmless from and against all claims, actions, judgments, costs, and expenses, arising out of damages or injuries to third persons or their property, caused by the fault or negligence of the said party, its agents, or employees, in the performance of this Agreement. The parties shall give to each other prompt and reasonable notice of any such claims or actions and the other party shall have the right to investigate, compromise, and defend the same.

X. WAIVER OF BREACHES

No waiver of any breaches of this Agreement shall be held to be a waiver of any other or any subsequent breaches. All remedies afforded in this Agreement shall be considered to be cumulative and in addition to any other remedies provided by law.

XI. APPLICABLE LAW

This Agreement shall be governed under the laws of the State of Wisconsin and is made at Eau Claire County, Wisconsin, and venue for any legal action to enforce the terms of this Agreement shall be in Eau Claire County Circuit Court.

XII. SECTION HEADINGS

The headings of the several sections, and any table of contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

XII. NON-ASSIGNMENT OF AGREEMENT

The parties agree that there shall be no assignment or transfer of this Agreement, nor of any interests, rights or responsibilities herein contained, except as agreed to in writing.

XIV. MODIFICATIONS TO AGREEMENT

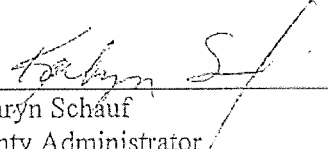
There shall be no modifications to this Agreement, except in writing, signed by both parties.

XV. INTEGRATION OF AGREEMENT

The entire agreement of the parties is contained herein, and this Agreement supersedes all previous agreements, whether written or oral and all negotiations as well as any previous agreements presently in effect between Eau Claire County and Chippewa County relating to the subject matter.

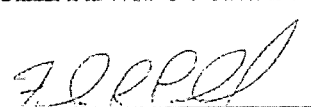
Both parties hereto having read and understood the entirety of this Agreement consisting of four (4) typewritten pages hereby affix their duly authorized signatures.

EAU CLAIRE COUNTY BY:


Kathryn Schauf
County Administrator

02/05/16
(Date)

CHIPPEWA COUNTY BY:


Frank R. Pascarella
County Administrator

1-22-16
(Date)

ADDENDUM 14 TO
INTERGOVERNMENTAL AGREEMENT FOR STORM WATER EDUCATION AND OUTREACH
COORDINATION BY RAIN TO RIVERS OF WESTERN WISCONSIN (R2R)

The City of Hudson agrees to be bound and participate in the "Intergovernmental Agreement for Storm Water Education and Outreach Coordination by Rain to Rivers of Western Wisconsin (R2R)" between Eau Claire County and Chippewa County as modified by this Addendum in the following particulars to read as follows:

"VI. LIAISONS

For Eau Claire County: Kelly Jacobs, Land Conservation Manager, Department of Planning & Development, 227 First Street West, Altoona, WI 54720, (715) 839-6226; and

For Chippewa County: Dan Masterpole, County Conservationist, Department of Land Conservation and Forest Management, 711 N. Bridge Street, Chippewa Falls, WI 54729, (715) 726-7920.


For the City of Hudson:

VII. NOTICES

Notices required or deemed advisable under this Agreement shall be placed in writing and delivered personally or by registered or certified mail upon Eau Claire County to: Kelly Jacobs, Land Conservation Supervisor, Department of Planning & Development, 227 First Street, West, Altoona, WI, 54720, (715) 839-6226; and upon Chippewa County to Dan Masterpole, County Conservationist, Department of Land Conservation and Forest Management, 711 N. Bridge Street, Chippewa Falls, WI 54729, (715) 726-7920; and upon the City of Hudson to _____."

All other terms and conditions contained in the Agreement and associated Addendums shall remain in full force and effect unless otherwise noted.

EAU CLAIRE COUNTY BY:



Kathryn Schauf, County Administrator

02-05-16

Date

CHIPPEWA COUNTY BY:




Frank R. Pascarella, County Administrator

1-22-16

Date

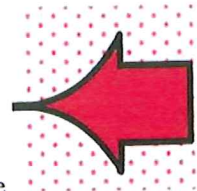
CITY OF HUDSON BY:

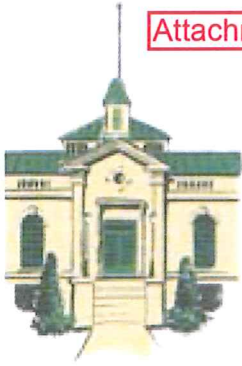


Tom Zuel

3/15/16

Date





City of Hudson

505 Third Street
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Attachment SW2

Hudson Stormwater Developer's Submittal Checklist Guidance

This document has been prepared to provide stormwater design standards as required per City policy in the interim of development of a post-construction stormwater ordinance. Wisconsin Administrative Code NR 151.121-151.124 is the basis for the standards outlined below.

Applicability

The stormwater standards apply to any project site that creates a land disturbance of greater than one acre in size within the City of Hudson and meeting the *Applicability* standards of Wisconsin Administrative Code NR 151.121.

Pollutant Removal Standard

Total Suspended Solids (TSS) Reduction shall be as follows;

New development: 80%	Redevelopment: 40%
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Phosphorous Reduction shall be as follows;

New development: 50%	Redevelopment: 50%
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Peak Discharge Performance Standard

Control post-development discharge rates to less than or equal to the pre-developed discharge rates for the **1-year** and **2-year** 24 hour rainfall event to maintain stream bank capacity. To prevent downstream flooding, maintain or reduce the post-developed discharge rates from pre-developed discharge rates for the **10-year**, **25-year**, and **100-year** 24 hour rainfall event. Maximum allowed pre-developed curve numbers are as shown in NR 151.123(1)-Table 2.

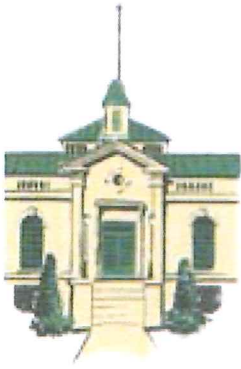
The peak discharge performance standard does not apply to redevelopment sites.

Infiltration Performance Standard

Low Imperviousness on proposed development (Up to 40% Imperviousness)

Post-developed infiltration volume shall be at least 90% of the pre-developed infiltration volume based on an average annual rainfall. No more than 1% of the post-developed site is required for infiltration.

Moderate Imperviousness on proposed development (40%-80% Imperviousness)



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Post-developed infiltration volume shall be at least 75% of the pre-developed infiltration volume based on an average annual rainfall. No more than 2% of the post-developed site is required for infiltration.

High Imperviousness on proposed development (More than 80% Imperviousness)

Post-developed infiltration volume shall be at least 60% of the pre-developed infiltration volume based on an average annual rainfall. No more than 2% of the post-developed site is required for infiltration.

Landlocked Areas (No stormwater overflow)

This section applies to a post-development that relies on infiltration (either on or offsite) for stormwater discharge from the site, ie. a low area that does not have a discharge in normal operating conditions. Safe storage of the 12-inch 24-hour storm during frozen ground conditions such that a 1-foot of freeboard is maintained from the lowest structure opening.

The infiltration performance standard does not apply to redevelopment sites.

Best Management Practices (BMPs) Design Standards

The current WIDNR Stormwater Technical Standards located on the DNR website shall be used for design of all stormwater best management practices.



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Stormwater Submittal Checklist

	Applicant			City	
	Yes	N/A	Explanation/Location in Plan	Yes	N/A
Plan Requirement					
1. Narrative describing the proposed project, including implementation of best management practices (BMPs) to meet the stormwater standards.					
Existing Site Conditions					
2. Site Location					
3. One or more site maps at a scale of not less than 1 inch equals 100 feet showing changes in land use including;					
a. Existing cover type and condition.					
b. Topographic contours of the site at an interval not to exceed two feet.					
c. Watershed boundaries and flow paths used in determination of compliance with stormwater standards.					
d. Predominant soil types and hydrologic soil groups.					
e. Topography and drainage network including enough of the adjoining properties to show runoff patterns onto, through, and from the site.					
f. Lakes, streams, wetlands, channels, ditches, and other watercourses on and within 500 feet of the site boundary.					
g. Limits of the 100 year flood plain.					
h. Location of all public and private wells within 400 feet of the site and distance from any Well Head Protection Overlay Zoning District.					
4. Peak flow rates and volumes to show compliance with the stormwater standards included in Attachment SW2.					
Proposed Post-Developed Conditions					
5. One or more site maps at a scale of not less than 1 inch equals 100 feet showing changes in land use including;					
a. Proposed impervious surfaces including all buildings, structures, and pavement. Shown graphically, accompanied by supporting calculations in tabular form.					
b. Changes to the topographic contours of the site at a scale not to exceed two feet.					
c. Changes to the drainage network including enough of the adjoining properties to show runoff patterns onto, through, and from the site.					
d. Locations of maintenance easements specified in the maintenance agreement and maintenance access.					
e. Location and type of all stormwater management conveyance and BMPs including the on-site and off-site tributary drainage area.					
f. Location and type of conveyance system that will carry runoff from the site to the nearest outlet such as a curbed street, storm drain, ditch, or natural drainage way.					



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Stormwater Submittal Checklist					
	Applicant			City	
	Yes	N/A	Explanation/Location in Plan	Yes	N/A
Proposed Post-Developed Conditions (continued)					
g. Watershed boundaries used in to show compliance with the stormwater standards.					
h. Any changes to lakes, streams, wetlands, channels, ditches, and other watercourses on and immediately adjacent to the site.					
i. Energy dissipation at all stormwater outfalls.					
6. Onsite soils investigation, similar to DNR Technical Standard 1002.					
7. Modeling summary and supporting modeling data to show compliance with the stormwater standards included in Attachment SW2 including;					
a. Pollutant removal standard					
b. Peak discharge performance standard					
c. Infiltration performance standard					
8. Design computations and all applicable assumptions for the stormwater conveyance system(open channel, closed pipe) to safely convey the 10-year/24 hour event.					
9. Detailed drawings including cross-sections and profiles of all permanent stormwater conveyance and treatment BMPs.					
10. A signed maintenance agreement which covers the life of each BMP including the required maintenance activities and an estimated maintenance activity schedule.					
11. Other information as may be requested by the City.					